

SEQUENCE LISTING

<110> COMMISSARIAT A L'ENERGIE ATOMIQUE  
 CNRS

<120> ANTI-VIH COMPOSITION, PROCESS OF MANUFACTURING AND DRUG

<130> B13987.3 EE

<140> PCT/FR 03/01234

<141> 2003-04-17

<150> FR N°02 04926

<151> 2002-04-19

<160> 18

<170> PatentIn Ver. 2.1

<210> 1

<211> 16

<212> PRT

<213> Homo sapiens

<220>

<223> Sequence Gln33 to Pro48 of human CD4

<400> 1

Gln Ile Lys Ile Leu Gly Asn Gln Gly Ser Phe Leu Thr Lys Gly Pro  
 1 5 10 15

<210> 2

<211> 31

<212> PRT

<213> scorpion

<400> 2

Ala Phe Cys Asn Leu Arg Met Cys Gln Leu Ser Cys Arg Ser Leu Gly  
 1 5 10 15

Leu Leu Gly Lys Cys Ile Gly Asp Lys Cys Glu Cys Val Lys His  
 20 25 30

<210> 3

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: sequence  
 derived from scyllatoxin

<400> 3

Cys Asn Leu Ala Arg Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu  
 1 5 10 15

Gly Lys Cys Ala Gly Ser Phe Cys Ala Cys Gly Pro  
 20 25

<210> 4  
 <211> 28  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Xaa = Cys or thiopropionic acid  
  
 <220>  
 <223> Description of Artificial Sequence: sequence  
 derived from scyllatoxin  
  
 <400> 4  
 Xaa Asn Leu Ala Arg Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu  
 1 5 10 15  
  
 Gly Lys Cys Ala Gly Ser Phe Cys Ala Cys Gly Pro  
 20 25  
  
 <210> 5  
 <211> 27  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Xaa = Cys or thiopropionic acid  
  
 <220>  
 <223> Description of Artificial Sequence: sequence  
 derived from scyllatoxin  
  
 <220>  
 <221> MOD\_RES  
 <222> (23)  
 <223> bi-phenylalanin or naphtylalanin  
  
 <400> 5  
 Xaa Asn Leu His Phe Cys Val Gln Arg Cys His Ser Leu Gly Leu Leu  
 1 5 10 15  
  
 Gly Lys Cys Ala Gly Ser Xaa Cys Ala Cys Val  
 20 25  
  
 <210> 6  
 <211> 27  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Xaa = Cys or thiopropionic acid  
  
 <220>  
 <223> Description of Artificial Sequence: sequence  
 derived from scyllatoxin  
  
 <400> 6  
 Xaa Asn Leu Ala Phe Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu  
 1 5 10 15

Gly Lys Cys Ala Gly Ser Phe Cys Ala Cys Val  
20 25

<210> 7  
<211> 27  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Xaa = Cys or thiopropionic acid

<220>  
<223> Description of Artificial Sequence: sequence  
derived from scyllatoxin

<400> 7  
Xaa Asn Leu Ala Phe Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu  
1 5 10 15

Gly Lys Cys Ala Ser Ser Phe Cys Ala Cys Val  
20 25

<210> 8  
<211> 27  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Xaa = Cys or thiopropionic acid

<220>  
<223> Description of Artificial Sequence: sequence  
derived from scyllatoxin

<400> 8  
Xaa Asn Leu Ala Phe Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu  
1 5 10 15

Gly Lys Cys Ala Gly His Phe Cys Ala Cys Val  
20 25

<210> 9  
<211> 27  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Xaa = Cys or thiopropionic acid

<220>  
<223> Description of Artificial Sequence: sequence  
derived from scyllatoxin

<400> 9  
Xaa Asn Leu Ala Phe Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu  
1 5 10 15

Gly Lys Cys Ala Gly Asn Phe Cys Ala Cys Val  
 20 25

<210> 10  
 <211> 27  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Xaa = Cys ou acide thiopropionique

<220>  
 <221> MOD\_RES  
 <222> (23)  
 <223> bi-phenylalanin or naphtylalanin

<220>  
 <223> Description of Artificial Sequence: sequence  
 derived from scyllatoxin

<400> 10  
 Xaa Asn Leu Gln Phe Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu  
 1 5 10 15

Gly Lys Cys Ala Gly Ser Xaa Cys Ala Cys Val  
 20 25

<210> 11  
 <211> 27  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Xaa = Cys or thiopropionic acid

<220>  
 <221> MOD\_RES  
 <222> (23)  
 <223> bi-phenylalanin or naphtylalanin

<220>  
 <223> Description of Artificial Sequence: sequence  
 derived from scyllatoxin

<400> 11  
 Xaa Asn Leu His Phe Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu  
 1 5 10 15

Gly Lys Cys Gln Gly Ser Xaa Cys Thr Cys Val  
 20 25

<210> 12  
 <211> 27  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Xaa = Cys or thiopropionic acid

<220>  
 <221> MOD\_RES  
 <222> (23)  
 <223> bi-phenylalanin or naphtylalanin  
  
 <220>  
 <223> Description of Artificial Sequence: sequence  
 derived from scyllatoxin  
  
 <400> 12  
 Xaa Asn Leu Ala Arg Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu  
 1 5 10 15  
  
 Gly Lys Cys Ala Gly Ser Xaa Cys Ala Cys Val  
 20 25  
  
 <210> 13  
 <211> 27  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Xaa = Cys or thiopropionic acid  
  
 <220>  
 <221> MOD\_RES  
 <222> (23)  
 <223> bi-phenylalanin or naphtylalanin  
  
 <220>  
 <223> Description of Artificial Sequence: sequence  
 derived from scyllatoxin  
  
 <400> 13  
 Xaa Asn Leu His Phe Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu  
 1 5 10 15  
  
 Gly Lys Cys Ala Gly Ser Xaa Cys Ala Cys Val  
 20 25  
  
 <210> 14  
 <211> 27  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Xaa = Cys or thiopropionic acid  
  
 <220>  
 <221> MOD\_RES  
 <222> (23)  
 <223> bi-phenylalanin or naphtylalanin  
  
 <220>  
 <223> Description of Artificial Sequence: sequence  
 derived from scyllatoxin  
  
 <400> 14

Xaa Asn Leu His Phe Cys Gln Leu Arg Cys Lys Ser Leu Gly Leu Leu  
 1 5 10 15

Gly Lys Cys Ala Xaa Ser Xaa Cys Ala Cys Ile  
 20 25

<210> 15  
 <211> 27  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Xaa = Cys or thiopropionic acid

<220>  
 <223> Description of Artificial Sequence: sequence  
 derived from scyllatoxin

<400> 15  
 Xaa Asn Leu His Phe Cys Val Gln Arg Cys His Ser Leu Gly Lys Leu  
 1 5 10 15

Gly Lys Cys Ala Gly Ser Phe Cys Ala Cys Val  
 20 25

<210> 16  
 <211> 27  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Xaa = Cys or thiopropionic acid

<220>  
 <223> Description of Artificial Sequence: sequence  
 derived from scyllatoxin

<400> 16  
 Xaa Asn Leu His Phe Cys Val Gln Arg Cys His Ser Leu Gly Leu Lys  
 1 5 10 15

Gly Lys Cys Ala Gly Ser Phe Cys Ala Cys Val  
 20 25

<210> 17  
 <211> 27  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: sequence  
 derived from scyllatoxin

<400> 17  
 Cys Asn Leu Ala Arg Cys Gln Leu Ser Cys Lys Ser Leu Gly Leu Lys  
 1 5 10 15

Gly Gly Cys Gln Gly Ser Phe Cys Thr Cys Gly

20

25

<210> 18

<211> 33

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: sequence  
derived from charybdotoxin

<400> 18

Val	Ser	Cys	Thr	Thr	Ser	Lys	Glu	Cys	Trp	Ser	Val	Cys	Gln	Arg	Leu
1				5					10					15	

His	Asn	Thr	Ser	Lys	Gly	Gly	Cys	Gln	Gly	Ser	Phe	Cys	Thr	Cys	Gly
			20					25					30		

Pro